**ARGUS EXPLORATION COMPANY** 

A Research Subsidiary of Cyprus Mines Corporation 4421Birsh-Strong Suite-108-

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(E73-10797) [ACQUISITION OF WEATHER AND GROUND DATA FOR SKYLAB] Monthly Progress Report, 11-30 Apr. 1973 (Argus Exploration Co., Los Angeles, Calif.) 2 p HC \$3.00 CSCL 05B

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Period:

"Mac available under NASA sponsors Tip

Program information and without liability

in the interest of early and wide dis-

semination of Earth Resources Survey

for any use made thereof."

April 11 to April 30, incl. 1973

Contract:

NAS 9-13269

From:

Ira C. Bechtold

Principal Investigator

Argus Exploration Company 555 South Flower Street

Los Angelos, California 90071

To:

NASA Johnson Space Center Principal Investigations Management Office

Attn: Martin Miller, Mail Code TF 6

Houston, Texas 77058 Contract NAS-9-13269

NASA Johnson Space Center Earth Observations Division Attn: V. M. Dauphin, Mail Code TF Houston, Texas 77058 Contract NAS9-13269

National Aeronauties and Space Administration Scientific and Technical Information Facility, Code KS Washington, D.C. 20546 Contract NAS-9-13269

(a) The contract was signed by NASA April 11, 1973. From that date to April 30, the only activity was participation in simulation runs by JSC.

Contact was maintained by telephone with John Kaltenbach, David Amesbury and Martin Miller. Whenever simulated passes were being made over our test area, attempts were made to secure weather conditions, cloud cover, ground conditions, wind, rain, dust and other observations pertinent to the success of spacecraft data taking. It was attempted to accomplish this without special field trips.

One written report submitted by John Childs who made observations April 14 has been submitted. Pictures were mailed later.

- (b) It is recommended that, if future simulations are run, closer contact be kept by telephone and as much advance notice be given as possible to help coordinate field observations with other field work.
- (c) Expected accomplishments cannot be anticipated until Skylab is launched and a crew is aboard May 14 and 15.
- (d) No significant results of great importance have developed because of a minimum of effort to date. It is to be noted that, from a standpoint of field observations, considerable information can be gathered under simulated conditions, hence we can expect successful accomplishments of this kind during actual flight conditions.
- (e) At present, all plans according to the proposal and subsequent meetings and telephone conversations are expected to be accomplished.
- (f) Travel plans cannot be anticipated. It is to be expected that they will depend upon when data taking revolutions pass over our area. At such time, travel to the field to secure weather and ground conditions under the tracks (6, 20, 63) will be required.

Tra C. Bechtold

P. I. EREP 541

Contract NAS-9-13269

June 27, 1973

cc: W. E. Hosken

File

Ira C. Bechtold